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Washington University
School of Medicine
St. Louis, Mo.

December 1964

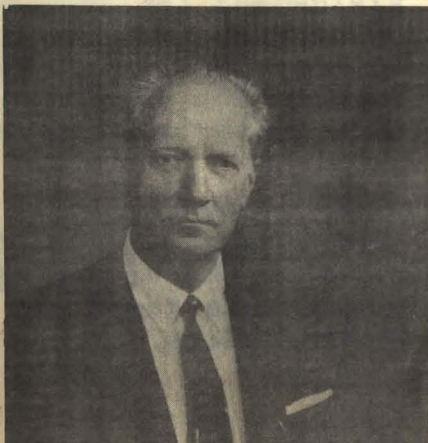
CARL CORI RECEIVES UNIVERSITY HONOR

Dr. Carl Cori has been named Distinguished Service Professor of Biological Chemistry by the University. Dr. Cori is the second recipient of the title in the School of Medicine's history. The late Dr. Philip A. Shaffer, former dean and head of the department of biochemistry, also received the honor.

One of the world's leading biochemists, Dr. Cori was cited for his outstanding service to the School of Medicine, to the University and to medical science in general. He joined the faculty as professor of pharmacology in 1931 and became professor and head of biochemistry in 1947.

Dr. Cori was awarded the Nobel Prize in 1947 jointly with his late wife, Dr. Gerty Cori, for work on the conversion in the body of glycogen into glucose. In the past few years his interest has centered on research on the regulation of carbohydrate metabolism in muscle and liver and the effect of hormones such as insulin and epinephrine on this metabolic cycle.

In addition to the large number of honors accorded Dr. Cori, a great many scientists of international renown have been associated with him at WU. Among these are Dr. Severo Ochoa, and Dr. Arthur Kornberg, who later received Nobel Prizes in medicine. At least 10 of his former associates are now heads of departments at schools of medicine or research institutes in this country and abroad.



BARNES-UNIVERSITY SIGN CONTRACT

A new 30-year contract has been signed by the governing boards of Barnes Hospital and Washington University. The contract insures continued joint operation of the Medical Center.

Under the new contract Barnes will consolidate the accounts for all units which it operates. Either a deficit or surplus in operating funds will be shared equally by the University and the Hospital.

The new contract also provides for a six-member joint committee to review questions arising from the interpretations of the contract that are not settled by the administrations of the Medical School and the Hospital.

Rehabilitation Institute Serves Many Needs

In the five years of its existence the Irene Walter Johnson Institute of Rehabilitation has become an important asset to the School of Medicine and the Associated Hospitals.

At least 90 people a day visit the Institute for treatment of conditions resulting from accident or disease ranging from a child only 18 hours old to the elderly whose speech or motion is impaired. The infant may come for evaluation of a birth defect so that treatment can begin immediately. The person of advanced age comes to regain the skills necessary to maintain himself with dignity.

In 1963, more than 1,200 different patients were seen for a total of 17,279 visits. Each visit may entail as many as 10 different treatments within the Institute. The patient may see a physical therapist for exercise in a hydrotherapy tank, to work with the pulleys or begin to walk with the aid of parallel bars. He may work with the occupational therapist to further retrain muscles and relearn what most people regard as simple, routine tasks--eating, buttoning a shirt. The patient may also work with a speech therapist, see a vocational counselor, talk with a social service worker and be seen by a physician for evaluation of his rehabilitation needs in light of his medical progress.

Treatments may extend over only a few days for a minor disability to as long as six or seven months for a hospitalized patient to a matter of years on an out-patient basis. In 1963, there were 780 in-patients seen in the Institute. About one-sixth of the total number of patients seen are 65 or older. Hemiplegia is among the most often seen problems, followed closely by those associated with arthritis. Rehabilitation of amputees is another common problem.

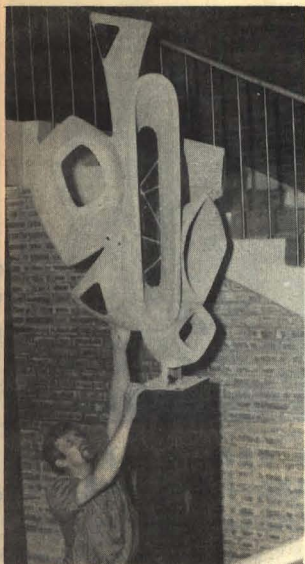


Mrs. Lynn Martin, occupational therapist, aids a paraplegic in his efforts to become mobile once again.



Training in activities of daily living is another part of the occupational therapist's job. Here Mrs. Martin helps the victim of a cerebral vascular accident to adapt her unimpaired hand to kitchen duties.

Service, Research and Teaching Are Goals



Abstract model representing "Caring" which greets visitors to the Institute is arranged by the sculptor, William Talbot.

Often treatment for the very young children is associated with the program sponsored by the National Foundation's Birth Defects Unit located in St. Louis Children's Hospital. First efforts are made at evaluating the sensory loss and motor deficit to help the parents in training the child.

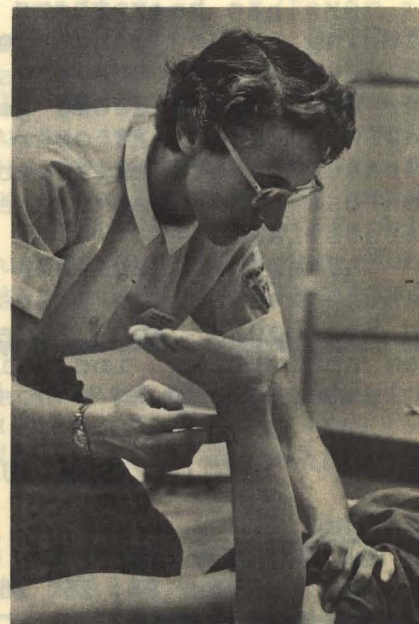
The National Foundation is only one of many agencies which makes use of the Institute. Others include the Missouri Crippled Children's Service, Illinois Public Aid, Workmen's Compensation, the Cerebral Palsy Association of both Illinois and Missouri.

The Institute also serves as training center for the rehabilitation specialists. In addition to students from the WU Schools of Physical and Occupational Therapy, as many as 20 students from other areas may train here at one time. Occupational therapy students serve internships here from as far away as Columbia University in New York and the College of Puget Sound, Tacoma, Washington. Physical therapy students come from St. Louis University, The University of Indiana and Ohio State University. Central Institute for the Deaf teacher-training students observe techniques of therapy. Others come in social service and rehabilitation vocational counseling.

Nursing students from the Barnes and the Washington University programs also participate in Institute activities. House staff physicians and medical students are introduced to rehabilitation programs through total-patient care activities.

Fees for treatment are scaled to income. In a recent year the total of free care given approached \$10,000. The Institute received teaching grants from the National Foundation and the Vocational Rehabilitation Administration.

Dr. Hugh Chaplin, associate professor of preventive medicine, became director of the Institute last year as successor to Dr. Eric Reiss, who is now at Michael Reese Hospital. Dr. France Alexander is associate medical director and Dr. Lorraine Lake is assistant director. The staff now includes seven physical therapists, three occupational therapists, a social service worker and a full-time vocational counselor supplied by the Missouri Division of Vocational Rehabilitation. Speech therapy is provided in cooperation with the Central Institute for the Deaf.



Chief physical therapist, Mrs. Anne Short, at work.

Miss Kelly Completes 32 Years With Medical Bookstore

Thirty-two is a good number for Miss Jennie Kelley this year. Last June her 32nd class of medical students graduated. Her first group was the class of 1932, of which she is an honorary member.

After these 32 classes she is graduating herself into an active and well deserved retirement. But not being the retiring type, she has many plans ahead including a trip to Tennessee to visit the sister who was partly responsible for her long association with WU.

Miss Kelley has more than 41 years of service with the University. She became the first full-time postal employee in the taking over the part-time efforts of William Bowling, who was then a student and is now dean of admissions. She came to St. Louis with her sister, whose husband was employed by a steel company. After several years of working in the post office and in the University bookstore, she came to the Medical School in 1931.

She has been there since, including a good many years as the only employee. She says she feels her most troublesome job has been saying, "Don't eat over the books, please," to students who sometimes confuse the bookstore with the cafeteria.

After her December 31 retirement, Miss Kelley plans to remain in St. Louis and take up a few new activities including perhaps volunteer work in a hospital.

HOLIDAY SCHEDULE

CHRISTMAS:

All day Thursday and Friday and Saturday morning, December 24, 25, 26.

NEW YEAR'S:

One-half day beginning at noon Thursday, all day Friday and Saturday morning, December 31, January 1 and 2.



Officiating at the opening of the Ent Intensive Care Unit were Mr. Lindburg, Mrs. Shinkle and Mrs. Pulitzer.

Intensive Care Unit Opens For Otolaryngology Patients

A new 8-bed intensive care unit for patients with throat and neck disorders has opened in McMillan Hospital.

The unit will be used primarily for the patient who has undergone a laryngectomy. Private contribution and funds from the department of otolaryngology made possible the unit, which is located on the hospital's sixth floor.

The new unit, patterned after existing units for neurosurgery and thoracic surgery, provides specialized continuous nursing care for patients in the critical times following surgery.

Cytotechnology School Receives Certification

Certification from the American Medical Association's Council of Medical Education has been granted to the School of Cytotechnology located in the WU Medical School and Associated Hospitals. The School trains technicians in methods of cancer detection.

Dr. Laurant Ackerman, professor of surgical pathology, is the director of the School. Dr. Nayda Konikov, instructor in pathology, is supervisor of the course.

Graham Colloquium

Dr. Victor LeVine, assistant professor of political science, will address the Graham Colloquium on Sunday, January 5. His topic is "Who's What in African Politics." The program will be held in Olin Penthouse at 7:30 p.m.

Medical students, staff, house officers and their wives are invited to attend.

STUDENTS TOUR CENTER

Forty-four students from 21 St. Louis area high schools were guests of the Medical School and the Medical Alumni Association in November. The students, who are senior honor students interested in a medical career, visited the Rehabilitation Institute, the department of radiology and the anatomy labs of the School. The Medical Alumni Association was host at a luncheon where member physicians discussed with the students various aspects of a medical career. This is the fourth year that the Medical School and the Alumni Association have sponsored the tour.

Pediatric Neurology Division Is Gift of Green Foundation

The Allen P. and Josephine B. Green Foundation of Mexico, Mo. has made a \$100,000 gift for developing a division of pediatric neurology in St. Louis Children's Hospital. The division will be a cooperative project of the departments of pediatrics and neurology. The new division will be available for treatment of children with disorders of the brain and spinal cord and will be used for training both pediatricians and neurologists.

UNIVERSITY COLLEGE CLASSES BEGIN

Second semester classes at the Washington University College will begin Wednesday, February 3, 1965. Registration dates for the evening courses are as follows:

Friday, Monday and Tuesday,
January 29, February 1, 2,
9 a.m. to 9 p.m.
Saturday, January 30,
9 a.m. to 1 p.m.

Registration will be held in Givens Hall on the Main Campus.

Employees of the University may enroll in courses for one-half the established tuition. Application for remission is made at the time of registration. For further information, call VO 3-0100, ext. 4212.

WU Medical Society

The WU Medical Society will meet on Wednesday, January 20, 1965 in Clopton Auditorium at 8:00 p.m. Dr. M. Kenton King, assistant professor of preventive medicine, will discuss the production of fever in rabbits by Coxsackie virus. Dr. Carl Moyer, head of the department of surgery, will discuss the care of burns based upon artificial substitution for two properties of skin. The molecular organization of keratin and the water barrier of skin will be discussed by Dr. Bryce Munger, assistant professor of anatomy.

OUTLOOK is issued by the News Bureau for the staff and students of Washington University School of Medicine.

News items may be submitted to the News Bureau, ext. 3166.

